

ABSTRACT OF THE DISCLOSURE

The invention relates to an electronic system with modular expansion of its functions, which is of a type including a portable host electronic device associated with an expansion module adapted for quick-connect engagement and disengagement in/from the portable device. The module includes a series of peripheral devices adapted to serve different classes of functions; a non-volatile memory storing information that pertains to configuring the different functions in the module; a re-configurable device adapted to establish connections, implement functional portions, and control all the system components; a control device adapted to cooperate with the host device in guiding the steps for re-configuring the whole system; and a software algorithm adapted to instruct the system to re-configure itself on which function and with which characteristics.

(Fig. 1)